

**SIEMENS****FACSIMILE COVER SHEET****RECEIVED**  
**CENTRAL FAX CENTER**  
**MAR 21 2005**In the UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Gary Brian Merrill

Application No. **10/648,922**

Attny Docket No: 1999P09028US01

Filed: 08/27/2003

Title: High Temperature Erosion Resistant Coating and Material Containing  
Compacted Hollow Geometric Shapes

Examiner: Jonathan J. Johnson

Art Unit: 1725

➔ **FACSIMILE ATTN TO: JONATHAN JOHNSON****FAX NO.: 703-872-9306****RESPONSE TO FINAL OFFICE ACTION**Commissioner for Patents  
Washington, D.C. 20231**Certificate of Transmission under 37 CFR 1.8**I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on  
March 21, 2005.  
Sandra J. Steunenberg  
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

This facsimile cover sheet which includes a Certificate of Transmission under 37 CFR 1.8 (1 pg)  
PTO/SB/21 Transmittal (1 pg)  
Response to FINAL Office Action bearing "date mailed" of 03/11/2005 (4 pgs)**Number of pages being transmitted (including this cover sheet): 6 pgs**

The information contained in this facsimile message may contain attorney privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us. Thank you.

**Siemens Corporation**Legal and Intellectual Property  
Department4400 Alafaya Trail  
Orlando Florida 32826Tel: 407-736-2472  
FAX: 407-736-6440

PTO/SB/21 (09-04)


Approved for use through 07/31/2008. OMB 0851-0031

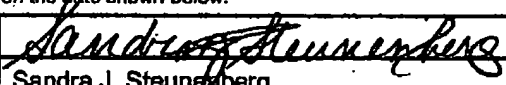
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/648,922
		Filing Date	08/27/2003
		First Named Inventor	Gary B. Merrill
		Art Unit	1725
		Examiner Name	Jonathan J. Johnson
Total Number of Pages In This Submission	6	Attorney Docket Number	1999P09028US01

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): a) Facsimile Cover Sheet including a certificate of transmission under 37 CFR 1.8
<b>Remarks</b> Response to FINAL Office Action bearing "date mailed" of 03/11/2005		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	SIEMENS		
Signature			
Printed Name	JOHN P. MUSONE		
Date	MARCH 21, 2005	Reg. No.	44,961

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Sandra J. Steunenberg	Date	March 21, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-0199 and select option 2.

RECEIVED  
CENTRAL FAX CENTER

MAR 21 2005

**SIEMENS**

PATENT  
Attorney Docket No. 99P9028US01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Inventor:	G. Merrill, et al.	)		
		)	Group Art Unit:	1725
Serial No.:	10/648,922	)		
		)	Examiner:	J. Johnson
Filed:	August 27, 2003	)		

Title: HIGH TEMPERATURE EROSION RESISTANT COATING AND MATERIAL  
CONTAINING COMPACTED HOLLOW GEOMETRIC SHAPES

Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO FINAL OFFICE ACTION**

In response to the Final Office Action mailed March 11, 2005 Applicants respectfully submit the following remarks in connection with the above-identified application in order to place the claims in condition for allowance or to place the claims in better form for appeal should be Examiner dispute the patentability of the claims.